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Message Text

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ACTION EB-07

INFO OCT-01 AF-08 EUR-12 IO-13 ISO-00 CCO-00 CIAE-00

OTPE-00 FCC-01 INR-07 NSAE-00 OC-06 USIA-06 COME-00

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FM USMISSION GENEVA
TO SECSTATE WASHDC 3496
INFO AMEMBASSY KHARTOUM
AMEMBASSY LONDON
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E.O. 11652: N/A
TAGS: ETEL, ITU, UR, US
SUBJ: ITU: US-USSR BILATERAL PREPARATORY TO 1977 BROAD-CASTING-SATELLITE CONFERENCE

REF: GENEVA 8719 (NOTAL)

1. SUMMARY: AT US-USSR BILATERAL TALKS 9 NOVEMBER AT GENEVA, SOVIETS SUPPORTED WORLD WIDE A PRIORI PLAN BUT WITH PERIODIC REVIEW. WOULD NOT, HOWEVER, OBJECT TO EVOLUTIONARY APPROACH FOR REGION 2 IF "COUNTRIES OF REGION 2" PREFER SAME. SOVIETS AGREE THAT CONFERENCE COULD CHANGE PROVISIONS OF RADIO REGULATIONS BUT AS YET HAVE NO POSITION ON ISSUE OF SEPARATE AGREEMENT VERSUS REVISION OF RADIO REGULATIONS. THEY AGREE THAT SHARING CRITERIA MUST APPLY IN BOTH DIRECTIONS BETWEEN BROAD-CASTING-SATELLITE SERVICE AND ALL OTHER SERVICES IN 12 GHZ BAND. ALSO THAT CONFERENCE SHOULD HAVE SEPARATE TECHNICAL COMMITTEE. FURTHER DISCUSSION SLATED FOR KHARTOUM SEMINAR, WHICH BOTH SOVIET REPS WILL ATTEND.
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END SUMMARY.

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2. US-USSR BILATERAL TALKS PREPARATORY TO ITU BROAD-CASTING-SATELLITE CONFERENCE SCHEDULED FOR JANUARY-FEBRUARY 1977 TOOK PLACE IN BOARD ROOM OF INTERNATIONAL TELECOMMUNICATION UNION ON 9 NOVEMBER. THOUGH MEETING WAS FACILITATED BY IFRB, NO ITU OFFICIAL ATTENDED. SOVIET REPS WERE: ASHOT L'VOVICH BADALOV, DEPUTY MINISTER OF POSTS AND TELECOMMUNICATIONS OF THE USSR; S. V. BORODICH, PROFESSOR, DOCTOR OF TECHNICAL SCIENCES, DEPUTY DIRECTOR, RADIO RESEARCH INSTITUTE, MOSCOW; AND MRS. I KHRUSTALEVA, INTERPRETER; U.S. SIDE CONSISTED OF REPS LISTED IN STATE 271045 AND STATE 272051 (BOTH SENT GENEVA ONLY) PLUS SIDNEY FRIEDLAND, TELECOMMUNICATIONS ATTACHE, U.S. MISSION GENEVA.

3. FIRST MAIN ITEM DISCUSSED WAS SOVIET PROPOSALS TO CONFERENCE. POINTS OF INTEREST INCLUDE:

A. CONFERENCE SHOULD PRODUCE A PRIORI PLAN WITH ORBITAL POSITIONS, FREQUENCIES, AND "SERVICE AREAS". FOR USSR, SERVICE AREAS TO BE BASED ON ONE FOR EACH TWO TIME ZONES (I.E., FIVE FOR TEN TIME ZONES) PLUS ONE FOR EACH OF 15 UNION REPUBLICS AND ONE FOR EACH OF 16 AUTONOMOUS SSR'S.

B. VALUE OF POWER FLUX DENSITY MUST PERMIT INDIVIDUAL RECEPTION BUT PROTECT CO-CHANNEL TERRESTRIAL SERVICE IN ADJACENT SERVICE AREAS.

C. SERVICE AREA OF EACH COUNTRY MUST BE PROTECTED REGARDLESS OF WHEN COUNTRY IS ABLE TO BRING BROADCASTING-SATELLITE SERVICE INTO OPERATION.

D. FREQUENCY BAN 12 GHZ SHOULD BE SUBDIVIDED INTO TV CHANNELS OF SAME OR SIMILAR BANDWIDTH. EACH CHANNEL SHOULD BE RE-USED, AND FREQUENCY INTERLEAVING IS POSSIBLE. DESIRABLE TO USE ENTIRE FREQUENCY BAND AT EACH ORBITAL POSITION, PROVIDING NECESSARY PROTECTION FOR OTHERS. ORBITAL POSITIONS FOR BROADCASTING SATELLITES SHOULD BE 5 TO 7.5 DEGREES APART. (NOTE FLEXIBILITY SHOWN IN LIMITED OFFICIAL USE

SPREAD BETWEEN 5 AND 7.5 DEGREES, IN CONTRAST TO 7.5 DEGREE SPACING ASSUMED IN MERTENS EBU STUDY.)

E. CHANNEL REQUIREMENTS ASSUMED TO VARY WITH COUNTRY, AREA, AND OTHER CONSIDERATIONS.

F. PROVISIONS OF NO. 428A OF RADIO REGULATIONS SHOULD BE OBSERVED.

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G. BASIS OF PLANNING SHOULD BE CCIR JOINT WORKING PARTY TECHNICAL PARAMETERS, AS POSSIBLY MODIFIED AT CONFERENCE.

H. CONFERENCE SHOULD CANCEL RESOLUTIONS SPA2 - 2 AND SPA2 - 3 WITH REGARD TO FREQUENCY BAND 12 GHZ.

I. UPLINK TRANSMISSION SHOULD TAKE PLACE IN BANDS ALLOCATED TO FIXED-SATELLITE SERVICE.

J. ON ACCOUNT OF TECHNOLOGICAL PROGRESS, PLANS PRODUCED AT CONFERENCE MUST BE REVISED PERIODIC SPECIALIZED CONFERENCES.

4. U.S. PROPOSALS. FOLLOWING DESCRIPTION OF U.S. PROPOSALS BY FCC REPS, SOVIETS ASKED WHETHER U.S. WAS PROPOSING A WORLD EVOLUTIONARY PLAN. U.S. REPLIED IT BELIEVED WHOLE WORLD WOULD BENEFIT FROM EVOLUTIONARY PLAN, BUT U.S. WOULD NOT PRESS SUCH A PLAN ON OTHER REGIONS IF THEY DID NOT WANT IT; U.S. HOPED THAT OTHER REGIONS WOULD SIMILARLY RESPECT REGION 2 WISHES. BADALOV INDICATED THAT IF "COUNTRIES OF REGION 2" (HE CONSISTENTLY USED THIS TERM) OPTED FOR EVOLUTIONARY PLSN, USSR WOULD NOT INSIST ON WORLDWIDE A PRIORI PLAN.

5. REQUIREMENTS:

A. BADALOV REPORTED HE WAS TOLD BY IFRB THE PREVIOUS DAY THAT EIGHTY COUNTRIES HAD SUBMITTED REQUIREMENTS IN RESPONSE TO IFRB QUESTIONNAIRE, INCLUDING MOST COUNTRIES OF REGION 3; ALSO THAT IFRB PLANNED PUBLISH REQUIREMENTS IN ABOUT A WEEK. COPY OF U.S. REPLY TO IFRB WAS LEFT WITH SOVIET DEL.
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B. SOVIETS ACKNOWLEDGED NECESSITY FOR REPOSITIONING "IN RARE CASES" IF REQUIRED BY SUBSEQUENT CONFERENCES.

C. SIZE OF SERVICE AREA. WITHIN USSR, LARGEST WOULD BE TWO TIME ZONES AND SMALLEST WOULD CORRESPOND TO BEAMWIDTH OF 1 TO 1-1/2 DEGREES.

6. COMPETENCE OF CONFERENCE TO REVISE RADIO REGULATIONS SOVIETS AGREE THAT CONFERENCE IS COMPETENT TO REVISE RADIO REGULATIONS AFFECTING BROADCASTING-SATELLITE SERVICE IN FREQUENCY BAND 12GHZ, BUT MADE CLEAR THAT USSR ADMINISTRATION HAS MADE NO DECISION OF ALTERNATIVE APPROACH OF A SEPARATE AGREEMENT.

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7. SHARING CRITERIA AND PLANNING OPTIONS. THESE AND OTHER ITEMS WILL BE DISCUSSED AT ITU SATELLITE-BROAD-CASTING SEMINAR AT KHARTOUM, WHIHC BOTH BADALOV AND BORODICH, AS WELL AS PROFESSOR KRIVOCHEYEV AND MOST OF THE U.S. PARTICIPANTS IN BILATERAL TALKS, WILL ATTEND.

8. BADALOV SAID SOVIET DELEGATION TO CONFERENCE WOULD NUMBER 20 TO 25.ABRAMS

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